

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000396

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04M7/00 H04Q3/66

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04M H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 205 135 B1 (CHINNI VENKATA RAMANA ET AL) 20 March 2001 (2001-03-20) abstract column 2, lines 10-15 column 3, lines 9-11 column 5, lines 14-16, 25-33 column 6, lines 10-20, 31-35 column 4, line 52 figures 1, 4-7	10, 22
Y A	----- -/--	1 2-9, 11-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

14 July 2004

Date of mailing of the international search report

28/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Pohl, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CA2004/000396

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 061 728 A (TELEDIS TELECOM DIENSTLEISTUNG) 20 December 2000 (2000-12-20) abstract paragraphs '0012! - '0027! figures 1a,1b,2a,2b	20
Y		1
A		2-19,21, 22
A	WO 98/48542 A (BELL COMMUNICATIONS RES) 29 October 1998 (1998-10-29) abstract page 4, line 18 - page 5, line 9 figure 3	1-22
A	US 6 307 853 B1 (DUTRA ANTONIO ET AL) 23 October 2001 (2001-10-23) abstract column 6, lines 38-41 column 7, lines 20-48 figures 3,4a	1-22
A	US 6 304 566 B1 (SCHELSEL LARRY E) 16 October 2001 (2001-10-16) abstract column 2, line 19 - column 6, line 46 figures 1,2	1-22
A	US 6 078 579 A (WEINGARTEN WALTER JAY) 20 June 2000 (2000-06-20) column 7, lines 14-67 figure 4	1-22

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CA2004/000396

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6205135	B1	20-03-2001	NONE	
EP 1061728	A	20-12-2000	EP 1061728 A1	20-12-2000
WO 9848542	A	29-10-1998	CA 2286338 A1	29-10-1998
			EP 0978180 A1	09-02-2000
			JP 2001500712 T	16-01-2001
			US 6597686 B1	22-07-2003
			WO 9848542 A1	29-10-1998
US 6307853	B1	23-10-2001	NONE	
US 6304566	B1	16-10-2001	BR 9810644 A	01-08-2000
			CA 2294727 A1	07-01-1999
			CN 1112792 B	25-06-2003
			JP 2002508911 T	19-03-2002
			WO 9900953 A1	07-01-1999
US 6078579	A	20-06-2000	AU 725502 B2	12-10-2000
			AU 4151197 A	20-02-1998
			BR 9710766 A	05-03-2002
			CA 2261599 A1	05-02-1998
			CN 1239617 A	22-12-1999
			EP 0951768 A1	27-10-1999
			KR 2000029550 A	25-05-2000
			WO 9805145 A1	05-02-1998